CLAIMS

1. Polybenzazole fibers or filaments having a tensile strength retention of 85% or higher after exposed to an atmosphere of a temperature of 80°C and a relative humidity of 80% for 700 hours.

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- 2. Polybenzazole fibers or filaments according to claim 1, characterized in that the fibers or filaments have a strength retention of 50% or higher when exposed to light from a xenon lamp for 100 hours.
 - 3. Polybenzazole fibers or filaments according to claim 1, characterized in that the fibers or filaments contain in themselves an organic pigment having heat resistance as high as a thermal decomposition temperature of 200°C or higher, and soluble in a mineral acid.
- 4. Polybenzazole fibers or filaments according to claim 1, characterized in that the organic pigment contained in the fibers or filaments has group(s) of -N= and/or NH- in the molecule.
- 5. Polybenzazole fibers or filaments according to claim 1, characterized in that the organic pigment

contained in the fibers or filaments is any of perinones and/or perylenes.

- 6. Polybenzazole fibers or filaments according to
 5 claim 1, characterized in that the organic pigment
 contained in the fibers or filaments is any of
 phthalocyanines.
- 7. Polybenzazole fibers or filaments according to

 10 claim 1, characterized in that the organic pigment

 contained in the fibers or filaments is any of

 quinacridones.
- 8. Polybenzazole fibers or filaments according to

 15 claim 1, characterized in that the organic pigment

 contained in the fibers or filaments is any of dioxazines.
 - 9. Polybenzazole staple fibers having a tensile strength retention of 85% or higher after exposed to an atmosphere of a temperature of 80°C and a relative humidity of 80% for 700 hours.

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10. A spun yarn comprising polybenzazole fibers or filaments as at least one component, the spun yarn having a tensile strength retention of 70% or higher after exposed

to an atmosphere of a temperature of 80°C and a relative humidity of 80% for 700 hours.

- 11. A cord for reinforcing rubber, comprising twisted yarns of polybenzazole fibers or filaments, the cord having a tensile strength retention of 70% or higher after exposed to an atmosphere of a temperature of 80°C and a relative humidity of 80% for 700 hours.
- 12. A polybenzazole fiber sheet for reinforcing cement/concrete, having a tensile strength retention of 75% or higher after exposed to an atmosphere of a temperature of 80°C and a relative humidity of 80% for 700 hours.
- 13. A polybenzazole fiber rod for reinforcing cement/concrete, having a tensile strength retention of 75% or higher after exposed to an atmosphere of a temperature of 80°C and a relative humidity of 80% for 700 hours.
- 14. A composite material comprising polybenzazole fibers or filaments as at least one component, the composite material having a tensile strength retention of 75% or higher after exposed to an atmosphere of a temperature of 80°C and a relative humidity of 80% for 700 hours.

- 15. A sail cloth excellent in durability, comprising polybenzazole fibers or filaments, the sail cloth having a tensile strength retention of 80% or higher in the fiber axial direction, after exposed to an atmosphere of a temperature of 80°C and a relative humidity of 80% for 700 hours.
- 16. A high strength fiber rope comprising

 10 polybenzazole fibers or filaments, the fiber rope having a tensile strength retention of 85% or higher after exposed to an atmosphere of a temperature of 80°C and a relative humidity of 80% for 700 hours.
- 17. A knife proof vest comprising polybenzazole fibers or filaments at least one component, the knife proof vest having a tensile strength retention of 75% or higher after exposed to an atmosphere of a temperature of 80°C and a relative humidity of 80% for 700 hours.

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18. A bullet proof vest comprising polybenzazole fibers or filaments at least one component, the bullet proof vest having a tensile strength retention of 75% or higher after exposed to an atmosphere of a temperature of 80°C and a relative humidity of 80% for 700 hours.